

Name: \_\_\_\_\_

**at1110paper\_\_practice\_\_test (v11)**

1. Expand the following expression into standard form.

$$(6x - 7)(8x - 9)$$

2. Solve the equation.

$$(2x + 5)(9x - 8) = 0$$

3. Expand the following expression into standard form.

$$(6x + 5)(6x - 5)$$

4. Expand the following expression into standard form.

$$(9x - 7)^2$$

5. Factor the expression.

$$x^2 + 10x + 24$$

6. Factor the expression.

$$16x^2 - 9$$

7. Solve the equation with factoring by grouping.

$$12x^2 + 15x - 8x - 10 = 0$$

8. Solve the equation.

$$10x^2 - 23x + 16 = 3x^2 + 4x - 2$$